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1450 on May 1, 2003.

Date: 5- (-03)

Bv:

Hanna Hacham

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

RAPPUOLI et al.

Confirmation No.: 3087

Serial No.: 09/674,183

Art Unit: 1645

Filing Date: November 14, 2000

Examiner: S. Devi

Title:

POLYPEPTIDE CARRIER PROTEINS

Mail Stop NON-FEE AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

## **RESPONSE TO LACK OF UNITY**

Sir:

This is in response to the Communication dated April 9, 2003, with a shortened period of one-month for response. Accordingly, this response is timely filed.

The Examiner therein alleged a lack of unity of invention and required election of one of the following groups of claims for prosecution at this time:

Group I. Claims 1-17, 19, 21 and 23 drawn to a five T cell epitope-containing carrier protein;

Group II. Claims 18 and 20, drawn to use of a five T cell epitope-containing carrier protein;

Group III. Claim 22, drawn to a method of vaccination using a five T cell epitopecontaining carrier protein;

Group IV. Claims 24-28, drawn to nucleic acids encoding a five T cell epitopecontaining carrier protein, vectors, host cells and transgenic animals; and

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